

Message Text

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TO AMEMBASSY MOSCOW

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SUBJECT: PULP/PAPER EXHIBIT/SEMINAR

MOSCOW FOR NILES/BLOW

1. PAPER TITLES AND SUMMARIES OF PAPERS TO BE PRESENTED BY BOLTON-EMERSON ARE: (A) "REFINING FOR MAXIMUM QUALITY, MINIMUM COST" INASMUCH AS FIBER REFINING IS VITAL TO ULTIMATE SHEET QUALITY, IT IS CRITICAL THAT REFINER DESIGN AND OPERATION BE OPTIMIZED FOR MAXIMUM QUALITY OF PRODUCT AND MINIMUM COST OF OPERATION. IN VIEW OF MANY DIFFERENT TYPES OF RAW MATERIALS AND MYRIAD PRODUCT REQUIREMENTS, IT IS ESSENTIAL TO DETERMINE PARAMETERS FOR MOST EFFICIENT OPERATION. THIS PAPER DISCUSSES THE OPTIONS AVAILABLE I.E., DETERMINATION OF PROPER TYPE, SIZE, AND

NUMBER OF REFINERS TOGETHER WITH MOST SUITABLE FILLING DESIGN, MATERIALS OF CONSTRUCTION, SPEED, ETC., TO ATTAIN ALL OBJECTIVES MOST EFFICIENTLY. (B) "DRAINAC TO MONITOR STOCK QUALITY: INSTANTANEOUSLY, CONTINUOUSLY, ACCURATELY" IT HAS LONG BEEN RECOGNIZED THAT DRAINAGE RATE OF THE FIBER SLURRY IN THE STOCK PREPARATION AREA UNCLASSIFIED

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CORRELATES WITH ULTIMATE SHEET QUALITY; INFAC, MANUAL DETERMINATION OF THIS PROPERTY IS NORMALLY CONDUCTED

FREQUENTLY IN MOST PAPER MILLS. THIS PAPER DISCUSSES

AN IN-LINE, TOTALLY ENCLOSED DEVICE (NO MOVING PARTS) WHICH CONTINUOUSLY READS OUT STOCK DRAINAGE RATE, THUS ENABLING MAXIMUM PRODUCT UNIFORMITY. OUTPUT CAN BE UTILIZED TO AUTOMATICALLY ADJUST REFINERS TO COMPENSATE FOR VARIATIONS IN INCOMING FIBER QUALITY. DEVICE IS COMPUTER COMPATIBLE AND NOT ONLY INSURES GREATER UNIFORMITY OF QUALITY BUT ALSO PROVIDES GREATER PRODUCTIVITY DUE TO FEWER WEB BREAKS AND LESS OFF-SPECIFICATION PRODUCT. (C) "FRAZIER SCREEN: A NEW, IN-LINE, SELF-CLEANING COATING SCREEN" IN THE MANUFACTURE OF COATED PAPERS, A PIGMENT CONTAINING SLURRY IS DEPOSITED ON THE SHEET. IF OVERSIZE PARTICLES ARE PRESENT IN THE SLURRY DELIVERED TO THE SHEET, DEFECTS WILL DEVELOP AND, IN EXTREME CASES, SHEET BREAK WILL OCCUR. TO INSURE BOTH QUALITY AND PRODUCTIVITY, IT IS VITAL THAT SUCH SLURRIES BE PROPERLY SCREENED. THIS PAPER DISCUSSES A RECENTLY DEVELOPED SCREEN WHICH HAS PROVEN TO BE MOST EFFECTIVE FOR THIS PURPOSE. THE UNIT IS TOTALLY ENCLOSED, IS VERY COMPACT, HAS LARGE CAPACITY, IS EASILY ADAPTABLE, REQUIRES LITTLE ATTENTION AND IS ECONOMICAL. INGERSOLL

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